

Amend claim 9 to read as follows<sup>1</sup>:

- B1
9. The fusion protein of claim 1 wherein the phase transition is mediated by one or more means selected from the group comprising:
- (a) changing temperature;
  - (b) changing pH;
  - (c) addition of solutes and/or solvents,
  - (d) side-chain ionization or chemical modification; and
  - (e) changing pressure.

Add new claims 66-75, as follows:

- B2
66. The fusion protein of claim 9, wherein the phase transition is mediated by addition of solute.
67. The fusion protein of claim 66, wherein the solute comprises an organic solute.
68. The fusion protein of claim 66, wherein the solute comprises an ionic solute.
69. The fusion protein of claim 68, wherein the ionic solute comprises a salt.
70. The fusion protein of claim 66, wherein the salt comprises NaCl.
71. An ~~ELP~~ fusion protein.
72. The ELP fusion protein of claim 71, comprising a protein of interest cleavable from the ELP at a cleavage site of the ELP fusion protein to yield the protein of interest and the ELP as cleavage products.

<sup>1</sup> Consistent with the requirements of 37 CFR 1.121, a marked up version of amended claim 9 is set out in Appendix A, showing the amendatory changes therein.